

**APPLICATION FOR PERMISSION TO CHANGE POINT OF DIVERSION, MANNER
OF USE AND PLACE OF USE OF THE PUBLIC WATERS
OF THE STATE OF NEVADA HERETOFORE APPROPRIATED**

THIS SPACE FOR OFFICE USE ONLY

Date of filing in State Engineer's Office

MAR 15 2016

Returned to applicant for correction

Corrected application filed

Map filed july 13, 1983 under 30319

The applicant Southern Nevada Water Authority

1001 S. Valley View Blvd., MS #485

of Las Vegas

Street Address or PO Box

City or Town

Nevada 89153

State and ZIP Code

hereby make(s) application for permission to change the

☐ Point of diversion☒ Place of use☒ Manner of use☒ of a portion

of water heretofore appropriated under (Identify existing rights by Permit, Certificate, Proof or Claim Nos. If Decreed, give title of Decree and identify right in Decree.)

Permit 30319, Certificate 10725

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1. The source of water is An Underground Source (Phillips #1)

Name of stream, lake, underground, spring or other sources.

2. The amount of water to be changed 1.10 c.f.s., 602.52 AFA

Second feet, acre-feet. One second foot equals 448.83 gallons per minute.

3. The water to be used for Irrigation

Irrigation, power, mining, commercial, etc. If for stock, state number and kind of animals. Must limit to one major use

4. The water heretofore used for Irrigation

If for stock, state number and kind of animals.

5. The water is to be diverted at the following point (Describe as being within a 40-acre subdivision of public survey and by course and distance to a found section corner. If on unsurveyed land, it should be stated.)

within the SW¼ SE¼ Section 24, T.12N., R.67E., M.D.B.&M., or at a point from which the SE corner of said Section 24 bears S. 86° 37' E., a distance of 1,332.62 feet. (See Map on file for Application # 30319)

6. The existing point of diversion is located within (If point of diversion is not changed, do not answer.)

Spring Valley
10-184
wp

7. Proposed place of use (Describe by legal subdivisions. If for irrigation, state number of acres to be irrigated.)

13
150.63 acres (at a duty of 4.0 AF/Acre) within portions of the SE 1/4 NE 1/4 and SE 1/4 of Section 23, the SE 1/4 NW 1/4, NE 1/4, E 1/2 SW 1/4, SW 1/4 SW 1/4, and N 1/2 SE 1/4 of Section 24, and the NW 1/4 NW 1/4 of Section 25, all within T. 12 N., R. 67 E., M.D.B.&M. (See Accompanying Map)

per
e-mail
3/21/16

8. Existing place of use (Describe by legal subdivisions. If changing place of use and/or manner of use of irrigation permit, describe acreage to be removed from irrigation.)

Please see "Attachment A" and PBU Map Filed Under 30319. 174.56 acres being stripped have an approximate duty of 3.452 AF/Acre.

9. Proposed use will be from January 1 to December 31 of each year.
Month and Day Month and Day

10. Existing use permitted from March 1 to December 1 of each year.
Month and Day Month and Day

11. Description of proposed works. (Under the provision of NRS 535.010 you may be required to submit plans and specifications of your diversion or storage works.) (State manner in which water is to be diverted, i.e., diversion structure, ditches, pipes and flumes or drilled well, pump and motor, etc.)

Pivots, Pipelines, Wells, Electrical and Motors are already installed. Additional upgrades to piping system required to make a communal irrigation system at the ranch.

12. Estimated cost of works \$100,000.00

13. Estimated time required to construct works 1 year

If well completed, describe well.

14. Estimated time required to complete the application of water to beneficial use 1 year

15. Provide a detailed description of the proposed project and its water usage (use attachments if necessary): (Failure to provide a detailed description may cause a delay in processing.)

Water will be pumped from an existing irrigation well (Phillips #1). Phillips ranch was recently switched from wheel line to pivot irrigation. Pivots are currently hooked up to wells for irrigation; however, additional upgrades are required to make water from all wells be utilized at all pivots in a communal system. Water will be used to irrigate during the 2016 irrigation season.

16. Miscellaneous remarks:

See "Attachment B"

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E-mail Address

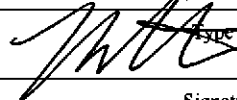
(775) 885-9283

Phone No.

Ext.

APPLICATION MUST BE SIGNED
BY THE APPLICANT OR AGENT

Michael A. Stanka, P.E.



Type or print name clearly

Signature, applicant or agent

Stanka Consulting LTD

Company Name

3032 Silver Sage Dr., Suite 101

Street Address or PO Box

Carson City, NV 89701

City, State, ZIP Code

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Attachment A

Existing Place of Use

24.24 Acres in the SW $\frac{1}{4}$ NE $\frac{1}{4}$ of Section 24, T.12N., R.67E., M.D.B.&M.

18.18 Acres in the SE $\frac{1}{4}$ NE $\frac{1}{4}$ of Section 24, T.12N., R.67E., M.D.B.&M.

18.64 Acres in the NE $\frac{1}{4}$ SE $\frac{1}{4}$ of Section 24, T.12N., R.67E., M.D.B.&M.

13.64 Acres in the SW $\frac{1}{4}$ SE $\frac{1}{4}$ of Section 24, T.12N., R.67E., M.D.B.&M.

40.00 Acres in the SE $\frac{1}{4}$ SW $\frac{1}{4}$ of Section 24, T.12N., R.67E., M.D.B.&M.

40.00 Acres in the SW $\frac{1}{4}$ SW $\frac{1}{4}$ of Section 24, T.12N., R.67E., M.D.B.&M.

19.86 Acres in the NW $\frac{1}{4}$ NW $\frac{1}{4}$ of Section 25, T.12N., R.67E., M.D.B.&M.

174.56 Acres Total

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Attachment B

Existing POU at 3.452 AF/Acre equals 174.56 Acres and proposed POU at 4.0 AF/Acre equals 150.63 Acres. NDWR records list a TCD Term of 1,113.3 AFA for Certificated Permits 18525, 25679, 25680, & 30319. Request TCD of 1,113.3 AFA for the irrigation of 278.325 acres within the proposed POU for these four groundwater change applications. Of these 278.325 acres, approximately 157.56 acres are considered groundwater supplemental to surface water. The place of use for the water rights under Permit 25678 / Certificate 9294 (surface water), Permit 25679 / Certificate 9295 (groundwater), and Permit 25680 / Certificate 9296 (groundwater) share a common certificated place of use (157.56 acres), but different points of diversion. These three permits are to be changed to irrigate a common place of use within the proposed place of use. This leaves the remaining 120.765 acres to be irrigated by stand alone groundwater.

Note that two applications are being filed to Change all of the water rights associated with Permit 30319 / Certificate 10725. Note that any minor discrepancies in cfs or AFA calculations can be attributed to rounding errors, as the duty listed under Certificate 10725 is calculates to 3.451724138 Acre Feet per Acre (730.73 acre-feet / 211.70 acres=3.451724138). This number has been rounded to 3.452 for ease of calculations and ease of removal of acreage.

Here is an overview of the proposed change applications for Permit 30319 / Certificate 10725:

Permit	Certificate	c.f.s	AFA	Change App	c.f.s	AFA	Current POD	Proposed POD after Change Application
30319	10725	1.34	730.73	1	1.10	602.52	Phillips #1	Phillips #1
				2	0.24	128.21		Huntsman South Well

The total area of all four pivots to be irrigated is approximately 303.32 acres. The leaves approximately 11.595 acres of crop which are to be irrigated by certificated groundwater rights using their approved points of diversion, manner of use, and place of use within the pivot locations.

Change Application	Acres	Acre-Feet	Acres Non Supplemental to Surface Water	Acre-Feet Non Supplemental to Surface Water	Acres Supplemental to Surface Water	Acre-Feet Supplemental to Surface Water
Temporary Change Apps to Permits 18525, 25679, 25680, 30319	278.325	1113.30	120.765	483.06	157.56	630.24
Temporary Change App to Permit 63532	13.40	53.60	0.00	0.00	13.40	53.60
Certificated Groundwater Rights under Permits 79713-79716	11.595	46.38	11.595	46.38	0.00	0.00
TOTAL	303.32	1213.28	132.36	529.44	170.96	683.84